

Lowerplace Annual Science Unit Overview 23 24

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2		
Reception	Materials	Shadows Nocturnal animals	Change of state	Senses Climate	Mini beasts Habitats Planting	Changing of seasons- clothes		
Year 1	The human body - seen parts of the body	Material - classification and naming	Animals - basic classification and human body parts	Caring for the planet -sustainability	Plants - naming parts of the plants Growing and cooking - naming parts of the plants			
			Planting ahead of summer 'plants' topic					
Seasonal Change – on going through the year								
Year 2	Animal needs for survival Humans - what humans need to survive, exercise, healthy eating, teeth	Materials Use of different materials, including plastics	Plants (light and dark) - Setting up experiment to see what plants need to grow	Living things and their habitats -why animals choose different habitats	Light and dark - experiment to find out more about light and dark	Plants (bulbs and seeds) -findings from previous experiments	Growing up -life cycles	Wildlife - sustainabil ity

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Year 3	Skeletons/ movement - parts and functions of the skeleton and muscles and joints	Nutrition and diet Food waste	Rocks - classification of types of rock	Fossils - what are fossils Soils -what is soil and why we need it	Light - light and dark, shadows	Plants A Pollination and germination	Forces and Magnets - attract and repel		Plants B Biodiversity	
Year 4	Group and classify living things Data Collection A		States of matter - solids, liquids and gas	Sound - Data Collection B	Electricity Energy Circuits	Data Collection C Habitats Deforestation	Digestive System - what we eat	Food chains		
Year 5	Forces Air and water resistance, pulleys and friction		Space Planets Solar System Global Warming	Properties of materials - conducting and insulating heat	Animals including humans Life cycles	Reproduction A - human growth	Reversible and irreversible Changes Plastic Pollution	Reproduction B - growth in animals		
Year 6	Living things and their habitats- Classification of growing things including microorganisms		Electricity - series and circuits, changing voltage Renewable Energy -	Light Light Pollution - the eye and light travel	Animals including humans (circulatory system/lifestyle) - Heart and the circulatory system	Evolution and inheritance (Variation, adaptations and fossils) Transition				